



# OTVARC

SEPT.-OCT.

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB  
PO Box 5132 Beaverton, Oregon 97006

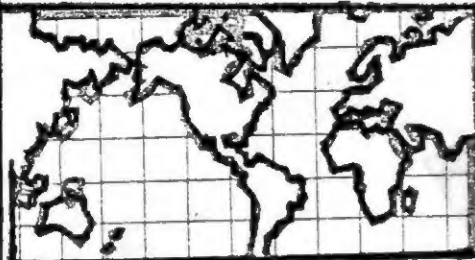
Next meeting: Wednesday-October 15-7:00 PM  
Elmers Pancake House-Beaverton Mall

The loss of our scheduled program didn't slow us down at all. The new ARRL movie was a life saver and seemed to be enjoyed by all. Maybe it might prompt someone to upgrade or in the case of our non-hams, to take the BIG step. Sure hope so anyway....

Well, Portland Radio and the Watt Shop came through again and gave us some very nice prizes. How about an Iso-Tip quick charge soldering kit? Or a W2AU balun? Also some QSL card holders and Steve, N4BOS, donated a Scanstop kit for a 2400. The donations are VERY much appreciated guys. The raffle is a big contributor to the treasury and without it we would have trouble obtaining some of the things we need to operate. Our dues of \$5.00 per year pay newsletter postage and also pays for our PO box and very little else. We NEED the raffle and we need the donors. When you are in Portland Radio, make it a point to say high to Joe and let him know you are an OTVARC member. If you have'n't been in the Watt Shop, hiss-boo. Dan has been good to us in that his business is a long drive for most of us. He has a nice selection and deserves our patronage also..... A GREAT BIG THANKS GUYS.

Speaking of raffle goodies, some of you members who have been around since the Hiram Percy Maxim days might consider taking a hard look at some of your junk boxes and instead of throwing away, donate to the raffle. Lot of new hams in the club and your trash might be someone elses jackpot. DO IT !!

A REMINDER A comment was overheard as to the price of a cheeseburger basket. Elmers is the ONLY restaurant on the West side that would give us a room, two choices of meals, privacy and service. All others contacted required a banquet meal and that calls for MORE \$ and that you be ON TIME. The alternative was to use a hall-most of which have bare floors, folding chairs and, when someone sneezes, it echoes about 14 times. Not to mention, NO food or drink..... Elmers is making very little on us. About \$180 gross, 50% profit brings it to \$90 and add the cost of an extra waitress, coffee girl and bus boy and you come up close to nothing. Quite sure that everyone is very comfortable at Elmers but if there is a better place, please speak up and let's discuss it. How about some dinner course suggestions???



# DX WORLD

## Macao — CR9B

QRV CR9B 23-30 October 80 by Bill Hatcher, KP4KK.

This is a joint International DX Foundation/Bill Hatcher DXpedition.

John Ackley, KP2A, left the IDXF equipment in storage in Macao on termination of the CR9A operation and I will use that equipment, but will pay all my own expenses.

I will operate single op/all band on CQ WW SSB Contest and will run mostly CW before and after. Will concentrate on 7/3.5 MHz as much as band conditions permit.

Freqs: 3505, 3525, 3790; 7005, 7025, 7080; 14025, 14195; 21025, 21295; 28025, 28600. Operation will be almost exclusively split, with QSY approximately between 5 and 10 above my transmit.

Equipment is FT-901 DM, FT-101, GLA-1000 with AS-33 (almost identical to TA-33) provided by IDXF and will take a Butternut Electronics vertical for 40/80.

QSL's will be provided by IDXF and will be handled by my regular manager: Mary Ann Crider, WA3HUP, RD 2 Box 5-A, York Haven, Pa. 17370 USA.

Either SASE or SAE and IRC's for direct reply. Cards received without will be answered, but via the Bureau.

For info, Mary Ann also handles my cards for calls KP4FGH, KP4KK, VP5KK, VP2EKK, VQ9KK, VK9YN (Cocos-Keeling), and my current call KP4KK/DU2.

Antennas will be located on top of the 14-floor Hotel Sintra, so given reasonable band conditions, I expect to put out a good signal.

↑ *Very hard to get ↑*

## Kiribati

T3AY is a regular near 14.277 MHz from 0700 UTC. He can be found with his QSL Manager, Gary Daitch, WB6LED. Willi, T3AC, is often found about 14.250 MHz after 0630 UTC and on 21.033 MHz from 1300 UTC. Alan, T3AT, switches between SSB and CW. Look for him on 14.235 MHz or the low end of 20 meters after 0730 UTC. Alan has also been found on 21.250 MHz after 1000 UTC.

T3AW was operated by Shigeaki Wachi, JA1LCX, late July into August for 10 days. Larry Gandy, KS6DV/KH1, who also signs T3PA from Canton Island, will be using the KH1 prefix which probably will be the last effort for that prefix as the United States is to relinquish full control of the island to Kiribati.

## South Orkneys

LU1ZA can be found almost daily with a list operation with Igino Gazzano, IIAGC, on 14.290 MHz at 2100 UTC. To get on the list, look about 14.260 MHz at 1600 UTC.

## Djibouti

Look for J28CC on 15 meters near 21.282 MHz from 0330 UTC. If you don't find him, try the next day.

## Nice folks on this band

Bob McGarvey, WB2EVF

The Novice portions of the CW bands on 80, 40, 15 and 10 meters are busy even when nothing else is. In spite of the large number of users, you'll find these sub-bands occupied by courteous, friendly amateurs who are very concerned with procedure and regulations.

They're not all Novices, since the same frequencies are the home grounds of the CW Technicians.

In addition, many amateurs with General, Advanced or Extra license find the Novice CW areas to their liking. The good behavior rubs off and most of the higher classification CWers you encounter there are friendly, dedicated and knowledgeable.

Ten meters isn't always open, of course, and 15 is subject to its vagaries, but you'll find things hopping on 40 and 80 during the right hours most of the time.

The lower bands are subject to summer static and the noise may be hard to bear, but if you can stand the shortwave broadcasts that assault 40 as dusk approaches, you can stand anything.

With all the atmospheric and propagation problems that beset them, the Novices and their friends carry on with valor.

My favorite areas of CW operation are at the frequencies where the Novice bands meet those that are off-limits to those with such privileges. That way, I can move either way or even straddle the line.

I don't run big power and I am not a hot-shot with my straight key, but I enjoy it. After all, the important thing is to be understood and to understand the person on the other end.

Anyone who thinks Amateur Radio has reached its pinnacle on 20 meters, with 2 kW amplifiers and multi-element beams hung from the clouds, has missed the point of what the Amateur Radio Service is about.

The Novices, from school kids through grandparents, are talking up a storm in code without benefit of the glory add-ons.

CW is very much alive — and one of the reasons is the existence of the Novice license.

— Home News

↑ *Novices - please note ↑  
Others may ponder  
a bit too !! Remember  
when EVERY contact  
was a real kick ?*

## Musings of a madman

Jim Smith, K9JS

All things that happen are the results of laws that apply throughout the universe. The trick is to find these laws and understand their applications! Well, folks, I found a book that will help greatly. It is "Murphey's Law and Other Reasons Why Things Go Wrong." It is written by Arthur Bloch.

All amateurs are familiar with Murphey's Law. It simply states that, "If anything can go wrong . . . it will." This is a very broad coverage law and in the book other lesser known laws are brought to light. Let me give you a few examples. Did the rain/wind storm of early July damage your antenna? Murphey's Law, Corollary #10 covers that: Mother Nature is unforgiving. You say your transmitter doesn't work? Sattinger's Law: It works better if you plug it in. Going to do an alignment job on your receiver? Schmidt's Law: If you mess with a thing long enough, it will break.

Following are some of Smith's Laws.

1. The odds of receiving a QSL card are inversely proportional to the cube of the need.
2. In all DX list operations, the ones will be last.

Corollary: When they get to the ones, there is no propagation

3. A digital Zulu clock will display the incorrect time.

4. If you point your antenna long path, the DX station will be coming in short path.

Corollary: Vice versa.

5. The biggest bores will want to chew the rag with you.

6. Company will unexpectedly arrive in the middle of a contest.

7. All stereo speaker leads are the exact dimensions of a 15 meter dipole.

8. A foreign language phone patch will contain the final arrangements for an arms shipment.

Corollary: FCC QSLs 100 percent, for sure!

— Fort Wayne, IN RC

*How true !! ↑*

## Active 10-meter beacons

Here's something to clip and save for reference: a list of active 10-meter beacons. They will tell you in which direction the band is open. These are CW beacons and, for the most part, operate with low power. This is not intended as a complete beacon tabulation, but does include those audible in Central Jersey recently. Two are in the phone band, the others in the CW portion.

W6IRT, Los Angeles, California 28.888 MHz

WD9GOE, Baldwin, Illinois 28.89 MHz

VE7TEN, Vancouver, B.C. 28.225 MHz

YV5AYV, Caracas, Venezuela 28.280 MHz

N4RD (QSL WD4MSN), Englewood, Florida 28.2075 MHz.

— The Home News



# NEWS

## BULLETIN



THANKS TO ROGER AND RANDY

These two guys put together the great PA system that we enjoyed at the meeting. You can't believe how nice it was not to have to yell and am sure that the folks in the back appreciated it as well. They fixed up FOUR speaker boxes and not sure how much other work was involved but whatever it was, a thanks to you both. There won't be a problem next time we have a speaker...

The Round Robin was kind of neat. Been a long time and really didn't take that long to do. Am sure a lot of you saw a few people that you had talked to on 2m and now have the face with the call. I sure did!! Had a member walk up the other day in a shopping center and say 'You look familiar'. I asked him if he was an OTVARC member and he said yes. Mmmm. Guess we had better do it again Sam.

Winn's idea of a once a month get-together on how to use test gear seemed to be a good one judging from the hands that went up. Guess there are quite a few of us who don't know it all. Look forward to further announcements of the event.

Most of you know this but it is worth mentioning again. The ARRG club has changed the access code on 92-32 and the auto patch has been moved to Bob Orr's home. As mentioned before, this move was made to give toll-free coverage into areas of Portland which were not available before. This is to boost membership and the treasury. The loss is into Forest Grove. As soon as ETR finishes the new machine, the old setup will be used for a link into Forest Grove and we all will be happy. In case you didn't know, virtually all of the Board Members and Officers of ARRG are members of OTVARC. Support your local repeater and if you have'tnt joined up just give Warren, W7JDT, a call....

Nice to see W7ZVC, W7MAM, W7NDH, N4BOS and a few of you other laggards. HI. There were a few of the old gaurd missing. Such as N7ALM, W7JDT, KB7CD, KA7CHU, WA7ZQP, ETR, W7WHB, KA7FPP, KH6IPX and others. Maybe we need to have a wet T-shirt contest to get you guys to show up? Once a month (ain't) all that tough to make-is it??

John Reed, who's father joined the club shortly before he passed away, has decided to take the novice class. He had been given his fathers membership and it is VERY good news that he will pursue the hobby in his fathers place. Our best wishes to John for a successful learning process and eventual license...

Been sending this rag to TERRAC for the last few months and expected a recipocal courtesy. None yet!! Guess we should save the 15¢ and forget the inter-club information bit. Oh well-Social and Serious are two different factions.

Would you believe that Al Herman, KA7AHU, won the big prize this meeting?? He joined two months ago and won a goodie his first meeting. Think that WB3ELG should show up at a meeting and give Al some competition. How about it George???





The "Someone Else's" are doing since! All they ask is that YOU participate in the activities. SIMPLE!

#### Sad news

I found this interesting bit in Linear Notes (Trident Amateur Radio Club of Charleston, South Carolina) penned by Robbie Carnes, WD4NUQ.

"The club was saddened to learn of the death this week of one of the club's most valuable members, Someone Else.

"Someone's passing creates a vacancy that will be difficult to fill. Else has been with the club since its beginning. Someone did far more than a normal person's share of the work.

"Whenever there was a job to do, a class to teach, a committee to be chaired, or a meeting to attend, one name was on everyone's lists — 'Let someone else do it.'

"It was common knowledge that Someone Else was among the largest contributors of his time to the club; whenever there was a need for volunteers, everyone just assumed Someone Else would volunteer.

"Someone Else was a wonderful person — sometimes appearing superhuman, but a person can only do so much. Were the truth known, everybody expected too much of Someone Else.

"Now Someone Else is gone! We wonder what we are going to do. Someone Else left a wonderful example to follow; but who is going to do the things someone else did? When you are asked to help, remember — we can't depend on Someone Else!

The Saying of Omar IBN: Four things come not back: The spoken word; the sped arrow; time past; the neglected opportunity."

Thank you Robbie for a true but delightful piece.

A great big thanks to Bob and Janet for the use of their barn and for the hospitality shown. Great pot-luck and guess who was last in line? Even the scraps were yummie.. Also a thank you to Bill Gochenour for bringing all the tapes. The electronics were loaned by W7XI and you put it all together it spells Barn Dance. Good showing but a distinct lack of new members. Great fun-lets do it more!!

### Quality of operators these days

Having been an amateur for 20 years now, I make no claim to fame or any special achievements earned. I just enjoy the hobby — being able to communicate across town or over the ocean. However, I would like to express my views on the subject of operating.

In recent years and more so every day, courtesy on the air is just about zip. Whatever happened to all the dummy loads sold over the past years? Holding doors open, lunch pails, nail cans or hanging flower pots. Let's make use of them for their intended purpose. If you must tune up on the air, use your call sign and keep to minimum time — like 30 seconds.

Whatever happened to the gentleman's agreement for RTTY operators? If you don't like RTTY, why mess it up for the few guys who do?

Now, W1AW has been providing code practice and bulletins for longer than some of you are old. But however many of us used their service to upgrade, how about giving the newcomer a shot at it? Also, how about respecting others sending code practice?

The traffic handlers sure seem to catch the abuse while doing a public service. Traffic handling was the start of this fine hobby. Let them do it; after all, Ma Bell could blow a fuse and who would then relay the traffic?

DX really is a sore spot with me. Not having done much DX-ing until about a year ago, I can hardly believe what comes out of my speaker. A majority of the DX stations have limited power, so hearing them is not always a S-9 plus but rather, S-5 to S-7. To make things easier, the DX station will ask for areas. But why, when the station says 1's only, will 2's through 9's answer? That's the fastest way to get the station to QRT. You don't like list-takers, but it seems to be the most efficient and rapid method going, except for the LIDs with a limited vocabulary and harmonics that are missed by the list-taker. By the way, the DX station knows his call, so how about giving yours twice rather than the station's repeatedly? If you've worked the guy on the same band before, why call him again; give another station a chance to get his/her 100.

Let's engage the brain before the mouth and make life bearable for all. After all, this is a hobby, not a vocation.

Neil W. Zimmerman, W7MAF  
Great Falls, Montana

### To my neighbors

#### Notice concerning alleged TV interference from this transmitter

1) You have called to my attention the fact that transmissions from my station are causing interference to your TV reception.

2) Interference such as you describe is not caused by HAM operations, as HAM stations cannot and do not cause TV interference. Nor is this interference the result of any malfunction of my equipment or poor operating habits, for my station is not a HAM station.

3) Be advised that your government is placing a \$500 per year tax on all TV receivers. Because it is difficult at this late date to obtain a listing of TV set owners for taxation purposes, our government has established a vast network of TV jamming installations with the goal that TV set owners will make themselves known to these jamming stations so that their names can be added to the tax rolls. This station is just such an installation.

4) Your government greatly appreciates you turning yourself in. You will be one of the first taxed. You have also verified that this TV jamming equipment is functioning properly.

5) We have also made note of the time and channel you reported this jamming. This information will be given to several TV program rating services.

6) You have therefore provided a valuable service to the entertainment industry and to your government.

7) So that you will not be the only one taxed, please be patient as we continue our TV jamming operation.

— BARC's BARC (Boulder A.R.C.)

↑ DO NOT miss the above funny. Ought to be framed !!

WILL NEVER AGAIN  
USE THE TERM-  
XYL IN THIS RAG!  
Hi Ladies - and  
hi to Sherry - the  
XYL liberator !!!



## TAXES

Jeff Asay, KB7JU, has been working on the club taxes. He just finished the State end of it and is on the Federal part now. A big pain in the ---. We are 2 years in arrears and that makes it tougher. A BIG thanks to Jeff for his donated time. Don't know what we would have done otherwise....

**BAD NEWS.** Our top CW operator, AC7N, is moving to Florida. Seems like he got himself a neat, high paying job and we can't knock that. The very best to you Pat, and sure hope that all goes well in alligator land. We'll miss you!!

## Contest Committee

Nice of Alan Marks to volunteer for the job of organizing our new project. He proved that he can operate in contests. Top phone op for our field day trip!!! Not sure how the group will get started but rest assured-it will...

## ARRL DIRECTOR

Our Oregon SCM is running for Director of the Northern Division. Bob Thurston, of Seattle, is currently in office. Might be nice to have some local representation for a change!!! When you get your ballot from the ARRL, you just might give Dale your consideration. He IS a member!!! Ron Mayer, the incumbent Vice-Director, is a good choice for re-election. A hard worker and deserving of keeping his position....

## Lightning

### William Yarborough, W4VTP

There is only one word for lightning — UNPREDICTABLE! My lightning strike was during my last visit to the mountains. The loss was light considering what it could have been. About \$50 to the house and wiring plus a vaporized 40-meter antenna and damage to 75-meter antenna. The coax for both antennas was on the ground right up to the basement window where I had disconnected from the transceivers. These antennas had been in use for three years, and I had never experienced anything like this before.

After thinking about what happened and reading every article I could find on lightning, I have come to the following conclusions.

It is possible for lightning to come out of a clear blue sky. Some refer to this as heat lightning. It does not always hit the highest antenna, which happened in my case. It can come in on you A/C service, even though you might have underground service from the street. My neighbor had a 200 AMP Panel destroyed by lightning coming in on an underground service.

Do not be mistaken in thinking your equipment is safe because you are using lightning arrestors. Grounding switches in

your shack are not 100 percent safe. I know it is a lot of trouble, but to be 99 percent safe, do this. Unplug your coax and take it outside and connect to an 8-ft. ground rod. Unplug your equipment completely from the wall outlet or, as in my case, use plug mold and one plug pulled from the wall outlet. I get all of my equipment off the AC line.

It will be worth your time to read "Lightning — A Case History" page 104, April 1979, 73 magazine. There is also an article on lightning in the July issue of Worldradio.

— Cape Fear ARS, NC

## For Sale

40' crank-up tower.  
Light duty but will  
handle a tri-bander  
\$150.00

Call Al 640-5456

(To the club - \$125.00) ?

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((\$39.95 installed))

BC-100 Heavy duty spring-loaded belt clip . . . . . \$ 7.50

A-100 Rubber flex antenna . \$ 6.00

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## AN EDITORIAL

OTVARC got it's start a little less than three years ago and due to some interested and enthusiastic people, has grown to become a club with a future. When the club was first formed, some dedicated people saw an opportunity and acted on it. Those people realized that there was no general-interest club located on the West side of Portland and a decision was made. It was a decision to devote the time needed to begin an organization which might appear to be the answer to those amateurs who desired to meet, greet and socialize with others of the Ham fraternity. George Morgan, Bob Orr, Norm Roberts, Warren Winner, Mac McQuary and several others were a part of the beginning. The club went as most do, at least for about a year. Early formative months were spent on acquiring the usual papers from the State and in making up of by-laws and etc.. For almost two years the club went along with 20 to 25 members and had a good time just meeting and rag chewing. Some good programs were acquired by Bob Orr, Norm Roberts began editing a newsletter and club interest began to climb. In Nov. 1979, your present administration was elected and plans were made to increase the membership as well as lay the groundwork for future club activities. A vow was made to double the membership and at this time we are about triple in size. The outside functions have consisted of a Xmas party, a booth at the Clark County Ham Fair, Field Day, Campout, Barn Dance and if all goes well, a Halloween party. The most recent activity is the establishing of a club contest group. It is hoped that 1981 will see us having a number of special interest groups and not only maintaining outside functions but increasing them as well.

There are two reasons for this editorial and one of them is to give a brief history of our club. There are a number of new members who may find it of interest. The second reason is to recap where we were, where we are now and to get you all thinking about where we want to be in 1981. Obviously, to get where we are, it has taken a toll in personal time and as with any club, it is by a few. It is those few who may be the most concerned about the future of OTVARC, and rightly so, due to the personal sacrifices they have made. It is best that I now explain to you the MAJOR reason behind this page.

At our Nov. meeting there will be nominations for the 1981 officers and at the Dec. meeting your votes will be cast. It is my sincerest wish that you give some serious thought in regard to who may be the right person for the task. If you are a new member and do not know, ask questions, call a friend or whatever it takes. There are many different ways to direct a club and no one way is best. Decide what you want from the club, nominate and vote accordingly. The future of OTVARC is, as it should be, in your hands. There are two people at the head table who deserve mention. Warren Knight has done a GREAT job as treasurer and his books look like they were done by a CPA. Carter Harrison has been doing a good job of taking care of the Secretarial duties. His records are also in very good order. I speak for no one else and in particular, myself, as this is NOT to be taken as a campaign editorial!

This past year has been a very rewarding one to me. The trials and tribulations of finding programs, newsletter writing, activity arrangement, growth problems and on and on have been worth every minute. There have been few times in my life where spare time activity has been as enjoyable and at no time where the time spent was repaid to such a great extent. My appreciation is extended to those who have been such a big help and to ALL of you for the support. Very best to you all for a great 81 and-my thanks.

It is with regret that we announce the passing of Tom and Nancy Wings baby daughter. There is not much one can say other than to assure Tom and Nancy that all of their friends in OTVARC are sympathetic and wish them well..... Bless little Vivian.

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The dinner for this Oct. meeting will be the good old cheeseburger basket and the option will be a Ham din-din. PLEASE-6:30 for dinner!!!

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#### FOR SALE

Panasonic black and white TV camera. Built-in monitor-Fuji 1.8 lens, zoom 20-100mm-model #WV350P-slow or fast scan-good cdx. \$275.00

Sentinel Electronics freq counter #FR114A-U-tube type with manual and spare parts-0 to 10 mhz. \$45.00. Both items for sale by Paul Lucas, WB6SHR Call 649-5852

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WARREN, N7BIJ, JUST MADE WAS!! Not bad for an advanced class! Nice going Warren. (sure is hard to get interesting news items) How about DXCC???

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A BIG MEETING THIS MONTH!! We received notification that our ARRL affiliation has been approved and the result is that Bob Thurston, NW Div. Director for the ARRL, and-or Ron Mayer, Vice Director, will be in attendance to make the Charter presentation. Sure hope that EVERYBODY shows up....

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#### PROGRAM-WOW!!!!!!!!!!!!

We are very fortunate to have obtained W7ZOI, Wes Hayward, to be our guest speaker. In case you are not familiar with this gentleman, be informed that he has a number of technical books on the market. Not only that, but when the Yaesu 901 DM was put together, Yaesu contracted him to improve the receiver. Here is a guy who eats electrons for breakfast!! His expertise can be found on book-shelves all over our country and, perhaps, overseas. He could give a program on virtually any electronic subject. If you were at the SEANARC convention, you may have sat in on one of his seminars. His subject will be QRP operation and possibly some touching on the subject of QRP construction hints. He has, also, a slide show on the subject. This could be the BEST program we have had. Allow time for after-meeting conversation with Wes. Go to bed late for a change!

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